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**INFORMATION DISCLOSURE
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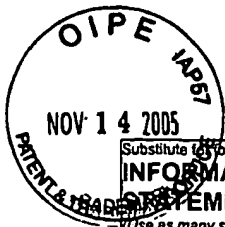
<i>Complete if Known</i>	
Application Number	10/777,461
Filing Date	February 12, 2004
First Named Inventor	Hawkins, Erika
Group Art Unit	1651
Examiner Name	Unknown

Sheet 1 of 1 Attorney Docket No: 341.022US1

US PATENT DOCUMENTS				
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
SH	US-2006/0051827A1	03/09/2006	Hawkins, E., et al.	11/18/2004

EXAMINER /Susan Hanley/ (06/25/2006) DATE CONSIDERED

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SH	US-2004/0096924 A1	05/20/2004	Hawkins, et al.	10/24/2003
↓	US-4,650,770	03/17/1987	Liu, Y., et al.	12/07/1983
	US-5,795,729	08/18/1998	Lee, L. G.	02/05/1996
	US-6,416,960	07/09/2002	Bryan, B.	08/08/1997
SH	US-6,867,005	03/15/2005	Keys, D. A., et al.	10/24/2001

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T ²
SH	JP-07-67696	03/14/1995		√

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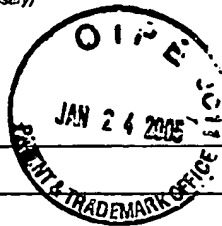
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US PATENT DOCUMENTS

Examiner Initial*	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
SH	US-2001/0006820 A1	07/05/2001	Knapp, T., et al.	01/12/2001
SH	US-6,200,762	03/13/2001	Zlokarnik, G., et al.	07/17/1998
SH	US-6,221,612	04/24/2001	Knapp, T., et al.	07/23/1998

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T ²
SH	EP-1081495A1	03/07/2001	Knapp, T., et al.	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

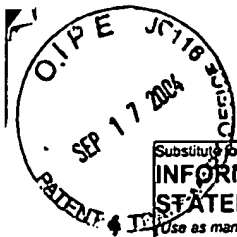
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
SH		ARMSTRONG, D., Dr., et al., "Selectivity of Crown Ether (and Related) Ionophores for Small Metal Cations", (paper presented at Spring 2000 CONFICHEM - An on-line conference April 3 - May 5, 2000) (observed on December 29, 2004) at http://www.chem.vt.edu/confchem/2000/a/armstrong/macrocy.htm , 3 Pages	
SH		KIM, J. S., et al., "Notes - Calix[4]azacrown Ethers in Polymeric CTA Membrane", <u>Bull. Korean Chem. Soc.</u> , 22(5), (2001), 519-522	
SH		VOGEL, S., et al., "Synthesis of Substituted Aza Crown Ethers as Metal- and Amino Acid Binding Sites in DNA-Conjugates", (presented at The XV International Round Table "Nucleosides, Nucleotides and Nucleic Acids", September 10-14, 2002), 1 Page	

EXAMINER /Susan Hanley/ (06/25/2006)

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US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
SH	US-4,235,961	11/25/1980	Lundin, Arne T.	435	8	06/21/1979
	US-4,390,274	06/28/1983	Berthold, Fritz , et al.	356	36	01/10/1980
	US-5,096,825	03/17/1992	Barr, Philip J., et al.	435	255	01/05/1987
	US-5,106,732	04/21/1992	Kondo, Koichi , et al.	435	28	02/14/1990
	US-5,283,179	02/01/1994	Wood, Keith V.	435	8	09/10/1990
	US-5,583,024	10/10/1996	McElroy, Marlene D., et al.	135	189	05/10/1993
	US-5,629,168	05/13/1997	Kricka, Larry J.	435	28	06/07/1995
	US-5,641,641	06/24/1997	Wood, Keith V.	435	8	06/07/1995
	US-5,650,289	07/22/1997	Wood, Keith V.	435	8	01/31/1994
	US-5,670,356	09/23/1997	Sherf, Bruce A., et al.	435	189	12/12/1994
	US-5,674,713	10/07/1997	McElroy, Marlene D., et al.	435	69.7	06/02/1995
	US-5,700,673	12/23/1997	McElroy, Marlene D., et al.	435	189	06/02/1995
	US-5,744,307	04/28/1998	Kuroda, Naotaka, et al.	435	6	09/12/1995
	US-5,744,320	04/28/1998	Sherf, B. A., et al.	435	8	06/07/1995
	US-5,814,471	09/29/1998	Wood, Keith V.	435	8	04/09/1997
	US-6,171,809	01/09/2001	Roelant, C.	435	8	01/29/1998
	US-6,602,657	08/05/2003	Bronstein, Irena I., et al.	435	4	12/28/1995
SH	US-6,602,658	08/05/2003	Bronstein, Irena I., et al.	435	4	04/22/1999

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
SH	EP-0247796	12/02/1987	Davis, Paul J., et al.	G01N	33/546	
	EP-0437013	07/17/1991	Smith, David F., et al.	G01N	33/58	
	EP-054675 with English Abstract	06/30/1982	Evanega, George R., et al.	G01N	33/54	
	EP-342024	11/15/1989	Blomberg, Fred	G01N	33/58	
	EP-610937	08/17/1994	Scheier, Winfried	C12Q	1/66	
	JP-07-067696 with English Abstract	03/14/1995	Yoshitami, Mitoma , et al.	C12Q	01/28	
	JP-10-87621 with English Abstract	04/07/1998	Maeda, Masako	C07D	211/76	
	JP-3-167288 with English Abstract	07/19/1991	Inoue, Satoshi	C09K	11/06	
SH	WO 00/36098A1	06/22/2000	Bronstein, I., et al.	C12N	9/38	

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Sheet 2 of 3	Attorney Docket No: 341.022US1	

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Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
SH	WO 92/04468	03/19/1992	Wood, Keith V.	C12Q	1/66	
SH	WO 95/18853	07/13/1995	Wood, Keith V., et al.	C12N	9/02	
SH	WO 99/14336	03/25/1999	Wood, Keith V., et al.	C12N	15/53	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
SH		BENZAKOUR, O , et al., "Evaluation of the Use of the Luciferase-Reporter-Gene System for Gene-Regulation Studies Involving Cyclic AMP-Elevating Agents.", <u>Biochem. J.</u> 309 (Pt 2), (July 15, 1995),385-387	
		BRONSTEIN, I , et al., "Chemiluminescent and bioluminescent reporter gene assays", <u>Analytical Biochemistry</u> , 219(2), (June 1994),169-81	
		BRONSTEIN, I , et al., "Novel Chemiluminescent Adamantyl 1,2-Dioxetane Enzyme Substrates", In: <u>Bioluminescence & Chemiluminescence: Current Status</u> , Chichester ; New York : Wiley, eds. PE Stanley and LJ Kricka, Proceedings of the VIth International Symposium on Bioluminescence and Chemiluminescence, Cambridge, September 1990,(1991),169-81	
		COKER, G T., et al., "8-Br-cAMP Inhibits the Transient Expression of Firefly Luciferase", <u>FEBS Letters</u> , 249, (1989),183-185	
		DEMENTIEVA, E. I., et al., "Physicochemical Properties of Recombinant Luciola mingrelica luciferase and its Mutant Forms", <u>Biochemistry</u> , 61 (1), (1996),115-119	
		DENBURG, J , et al., "Anion inhibition of firefly luciferase", <u>Archives of Biochemistry & Biophysics</u> , 141(2), (December 1970),668-75	
		DENBURG, J , et al., "Substrate-binding properties of firefly luciferase. I. Luciferin-binding site.", <u>Archives of Biochemistry & Biophysics</u> , 134(2), (November 1969),381-94	
		LEE, REIKO T., "Substrate-Binding Properties of Firefly Luciferase", <u>Archives of Biochemistry and Biophysics</u> , 141(1), (1970),38-52	
		LUCAS, M. , et al., "Coelenterazine Is a Superoxide Anion-Sensitive Chemiluminescent Probe: Its Usefulness in the Assay of Respiratory Burst in Neutrophils", <u>Analytical Biochemistry</u> , 206(2), (November 1, 1992),273-277	
		MCELROY, WILLIAM D., "Factors Influencing the Response of the Bioluminescent Reaction to Adenosine Triphosphate", <u>Archives of Biochemistry and Biophysics</u> , 22, (1949),420-433	
		SCHAAP, A , et al., "Chemiluminescent substrates for alkaline phosphatase: application to ultrasensitive enzyme-linked immunoassays and DNA probes.", <u>Clinical Chemistry</u> , 35(9), (September 1989),1863-4	
SH		SHERF, B A., et al., "Firefly Luciferase Engineered for Improved Genetic Reporting", <u>Promega Notes Magazine</u> , Number 14,(1994),	

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SH		TARPEY, M. M., et al., "Chemiluminescent detection of oxidants in vascular tissue. Lucigenin but not coelenterazine enhances superoxide formation", <i>Circulation Research</i> , 84(10), (May 28, 1999),1203-1211	
SH		TERANISHI, K. , et al., "Coelenterazine analogs as chemiluminescent probe for superoxide anion", <i>Analytical Biochemistry</i> , 249(1), (June 15, 1997),37-43	
SH		THORPE, G H., et al., "Enhanced chemiluminescent reactions catalyzed by horseradish peroxidase", <i>Methods in Enzymology</i> , 133, (1986),331-53	
SH		WARD, "Chemi-and Bioluminescence (ed. John Burr) Marcel Dekker, Inc., New York", <i>Proceedings of the VIth International Symposium on Bioluminescence and Chemiluminescence, Cambridge, September 1990,(1985),321-358</i>	

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